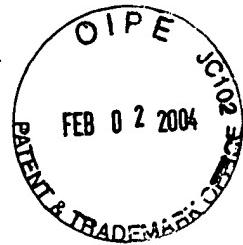


Amendments to the Drawings:

The attached sheets of drawings include changes to Figures 6 and 7. These two sheets, which include Figures 6 and 7, replace the original sheets including Figures 6 and 7. Sequence ID Nos. have been added to both of these figures.

Attachment: Replacement Sheets



App No.: 09/973,473

Docket No.: 514012000400

Inventor: Nahum SONENBERG et al.

Title: NON-HUMAN TRANSGENIC ANIMAL WHOSE GERM
CELLS AND SOMATIC CELLS CONTAIN A KNOCKOUT
MUTATION IN DNA ENCODING 4E-BP1

REPLACEMENT SHEET

SEQ ID
NOS:

h4E-BP1
h4E-BP2
h4E-BP3

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R | I | I | Y | D | R | K | F | L | M | E | C | R | N | S | P |
| R | I | I | Y | D | R | K | F | L | L | D | R | R | N | S | P |
| R | I | I | Y | D | R | K | F | L | E | C | K | N | S | P | |

6

7

8

gg4E-BP
hr4E-BP
bm4E-BP
sm4E-BP
dd4E-BP

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R | I | I | Y | D | R | K | F | L | M | E | C | R | N | S | P |
| R | I | I | Y | D | R | L | F | L | L | K | C | R | D | S | P |
| R | I | V | Y | E | R | S | E | M | L | S | L | R | Q | S | P |
| R | I | I | Y | E | R | D | E | I | L | S | C | R | N | S | P |
| K | I | V | Y | D | R | N | A | L | L | O | Y | R | N | S | P |

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consensus

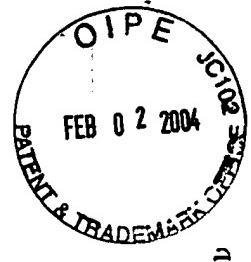
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NO. 11:

App No.: 09/973,473 Docket No.: 514012000400
Inventor: Nahum SONENBERG et al.
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REPLACEMENT SHEET

26

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